



4-19-2017

# Ursinus College Celebration of Student Achievement (CoSA) Schedule of Events, 2017

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# CoSA Schedule - April 18-19, 2017

## Tuesday, April 18

### Tuesday 4-5 p.m.

#### Film Screening Lenfest

Presenter	Mentor	Title
Tommy Armstrong	Domenick Scudera	How to Survive a Scary Movie: a student-produced film

### Tuesday 6-6:30 p.m.

#### Theater Performance Blackbox

Presenter	Mentor	Title
Madison Kuklantz and others	Meghan Brodie	In Her Words: Stories of Survival and Resistance

### Tuesday 7-7:30 p.m.

#### Dance Performance Lenfest

Presenter	Mentor	Title
Keturah (Jane) Sutton and others	Karen Clemente	Living In/Living On

### Tuesday 7:30-9 p.m.

#### Theater Performance Blackbox

Presenter	Mentor	Title
Arthur Robinson	Domenick Scudera	Argos Burning: A Study in Political Theater Through the Ages

## Wednesday, April 19

**10-10:50 a.m.**

**IR: Model UN**

**Bomberger 228, 10-10:50 a.m.**

Presenter	Mentor	Title
Bridget Winters and others	Johannes Karreth	Global Leaders in Training

**Latin American Studies Presentations**

**Bomberger 306, 10-10:50 a.m.**

Presenter	Mentor	Title
Juan Lopez	Rebecca Evans	Violence as Hunger: Representations of Violence in New Latin American Cinema
Kelly Johnson	Teresa Ko	Migration and Injustice in the Neoliberal Era: A Comparative Analysis of Migratory Laws and Sweatshop Labor Conditions in Argentina and the United States

**BCMB Poster Presentations**

**Fieldhouse, 10-10:50 a.m.**

Presenter	Mentor	Title
Devayu Parikh	Rebecca Lyczak	Exploring the high incidence of males in pam-1 mutants in <i>Caenorhabditis elegans</i>
Stephanie Hawkins and others	Amanda Reig	Characterization of 4-Histidine/2-Carboxylate De Novo Di-Iron Proteins
Katherine Bell	Amanda Reig	Creation and Purification of Rubrerythrin and Symerythrin Model Proteins

**Biology / Biochemistry Poster Presentations**  
**Fieldhouse, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Holly Yost and others	Christopher Dieni, Rebecca Roberts	Investigation of a potential function for 3H04 , via in silico molecular visualization and database research and in vitro protein expression and activity analysis
Elizabeth Hilt and others	Rebeca Roberts	A Structural and Functional Characterization of PDB Protein 2014
Vilajet Kovaci and others	Rebecca Roberts, Christopher Dieni	Determination of the Functional Properties of Protein 3L1W through Structural and Biochemical Analyses

**Biology Poster Presentations**  
**Fieldhouse, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Zana Lee and others	Rebecca Lyczak	Investigating and identifying the suppressors of pam-1 in C. elegans.
William Foss	Ellen Dawley	Immunostaining of Axolotl Tail Section Using Brd-U
Sarah Dolan and others	Jennifer King	Isolation and characterization of primary microglial cells from mouse cortical tissue
Aaron Nelson	Beth Bailey	The Morphology and Contractility of the Postpartum Heart
Aubrey Leso and others	Jennifer King	Examining the Phagocytic Activity of HIV-1 Tat Exposed Microglia: Possible Chemokine Receptor Activation
Natasha Mark and others	Kate Goddard	Investigation of the evolution of pollution resistance of the Atlantic killifish
Shayann Ramedani and others	Beth Bailey	Western Blot Analysis of Cardiac Myocytes
Jordyn Karliner and others	Jennifer Round	The Role of Slitrk2 in Neurogenesis
Erin Specht and others	Ellen Dawley	Describing distribution and morphology of microglia in embryonic Ambystoma mexicanum using whole-mount staining
Danielle Uibel and others	Rebecca Lyczak	Phenotypic Characterization of a Suppressor of pam-1 Through Creation and Analysis of a Novel Strain of C. elegans
Amy Tirney	Jennifer Round	Co-Localization of Slitrk2 and AnkG in the Developing Mouse Brain

**Business & Economics Poster Presentations**  
**Fieldhouse, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
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Corey Ruyak	Heather O'Neil	Real Estate Internship
Robert Bacovin	Andrew Economopoulos	Internship at SEI
Peter Carpenter	Heather O'Neill	Souder Scenna Accounting
Nicole Pupillo	Cindy, Harris	Kregel&Company CPA / Nick Yzzi CPA
Ian Johnson	Andrew Economopolus	Spring Internship 2017
Connor Newlin	Carol Cirka	Clemens Food Group Internship
John McCarthy	Carol Cirka	My Internship at Harrison McCarthy LLC
Joseph Donoghue	Cindy Harris	A Taxonomy of International Corporate Tax, from Depreciation to Repatriation.
Alex Campbell	Jennifer VanGilder	Internship at UBS: Wealth Management
Stephanie Metzger	Andrew Economopolis	SEI

**HEP Poster Presentations**  
**Fieldhouse, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Casey Derella	Deborah Feairheller	Blood Pressure Responses to Emergency Calls in Volunteer Firefighters and Emergency Medical Technicians
Bridget Winay	Deborah Feairheller	Flow-Mediated Dilation Analysis
Lauren Chavis	Deborah Feairheller	Dietary Habits and Cardiovascular Risk Factors among Firefighters
Kelly McLaughlin	Deborah Feairheller	Analysis of Dietary Intake in Volunteer Firefighters
Meaghan Corbin	Deborah Feairheller	Blood Pressure and Cardiovascular Responses to Emergency Calls in Volunteer Firefighters and Emergency Medical Technicians
Courtney Cortese and others	April Carpenter	Conditional Deletion of Wls in Macrophages
Kate McMahon and others	April Carpenter	Wnt Expression in Young vs. Old Female Mice
Gabriella Timuscuk and others	April Carpenter	Comparison of Wnt Expression in Males and Female Mice

**History Poster Presentations**  
**Fieldhouse, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Julia Adams	Ed Onaci	Aspects of Terrorism in America
Rachael Carter	Ed Onaci	Aspects of Terrorism in America
Corinne Cichowicz	Ed Onaci	Aspects of Terrorism in America
Dylan Cooper	Ed Onaci	Aspects of Terrorism in America

Collin Fazziola	Ed Onaci	Aspects of Terrorism in America
Megan Koeller	Ed Onaci	Aspects of Terrorism in America
Miles Matule	Ed Onaci	Aspects of Terrorism in America
Marcella McGill	Ed Onaci	Aspects of Terrorism in America
Jake Nop	Ed Onaci	Aspects of Terrorism in America
Bryan Patel	Ed Onaci	Aspects of Terrorism in America
Anthony Pond	Ed Onaci	Aspects of Terrorism in America
Zach Quattro	Ed Onaci	Aspects of Terrorism in America
Anne Rus	Ed Onaci	Aspects of Terrorism in America
Chloe Sheraden	Ed Onaci	Aspects of Terrorism in America
Sarah Weber	Ed Onaci	Aspects of Terrorism in America
William Wehrs	Ed Onaci	Aspects of Terrorism in America
Catherine Wilson	Ed Onaci	Aspects of Terrorism in America
Haochen Yan	Ed Onaci	Aspects of Terrorism in America

**MCS Poster Presentations**  
**Fieldhouse, 10-10:50 a.m.**

Presenter	Mentor	Title
Aliki Torrence	Sheryl Goodman	Dimitri J. Ververelli Inc.
Keturah Sutton	Sheryl Goodman	Philadelphia Youth Dance Fest Internship
Jordan Scharaga	Jennifer Fleegeer	Interning at The Colonial Theatre
Rachel Esposito	Jennifer Fleegeer	LED Lighting Company Marketing Internship
Travis Kozak	Lynne Edwards	MedTech MedCare

**U-Imagine Poster Presentations**  
**Fieldhouse, 10-10:50 a.m.**

Presenter	Mentor	Title
Devin Thompson and others	Maureen Cumpstone	Projects from the Business Assist Program
Danielle Kuller and others	Maureen Cumpstone	Summer B.A.P: All Rack, LLC

**University of the Sciences**  
**Fieldhouse, 10-10:50 a.m.**



Presenter	Mentor	Title
		University of the Sciences - Grad School Information Table

**Theater Presentations**  
**Olin 101, 10-10:50 a.m.**

Presenter	Mentor	Title
Charlotte Torres and others	Meghan Brodie	Excavating Under-Represented Voices in Dramatic Literature: Women's, Gender, and Sexuality Studies Perspectives on Theater History

**CIE Essay Contest Winners**  
**Olin 102, 10-10:50 a.m.**

Presenter	Mentor	Title
Garrett Bullock and others	Stephanie Mackler	CIE Essay Contest Winners Present Their Work

**ENV Presentations**  
**Olin 103, 10-10:50 a.m.**

Presenter	Mentor	Title
Evan Hunt and others	Patrick Hurley	Bears in the Woods: Personal Stories about Campus Trees
Beth Myers and others	Patrick Hurley	Stewardship and Maintenance of Native Tree and Shrub Plantings within Hunsberger Woods
Josh Hoffman	Patrick Hurley	Ya'ar Wars, The Forest Awakens: How the Jewish National Fund uses trees to control land and people

**Extern Panel**  
**Olin 107, 10-10:50 a.m.**

Presenter	Mentor	Title
Gerard Brown and others	Michele Poruban	Extern Panel

**English Presentations**  
**Olin 108, 10-10:50 a.m.**

Presenter	Mentor	Title

Madison Bradley and others Kara McShane

Middle English: Readings and Reflection

**French and Education Presentations**  
**Olin 201, 10-10:50 a.m.**

Presenter	Mentor	Title
Helen Brabant-Bleakley		The Veil of Discrimination in France: Power, Wealth, and Laïcité
Michael Esposito	Julin Everett	La création du monde: Feminine Voices and Transnational Identities in Beur and Pied Noir Literature
Kara Travis	Stephanie Mackler	Purpose, Curriculum, and Pedagogy: Navigating the Ethical Complexities of English Language Arts in the Secondary Education Classroom

**English Presentations**  
**Olin 301, 10-10:50 a.m.**

Presenter	Mentor	Title
Bailey Ludwig	Meredith Goldsmith	Othello's Girls Gone Wild
Sarah Gow and others	Meredith Goldsmith	New Directions in the Classroom
Courtney DuChene	Meredith Goldsmith	Hey, Hey Uncle Peck, How Many Kids Did You Do Today?: A Psychoanalytic and Gender Theory Approach to How I Learned to Drive

**Anthro/Soc Presentation**  
**Olin 303, 10-10:50 a.m.**

Presenter	Mentor	Title
Carter Timon	Jon Clark	Where Are All the Satanists and What Are They Doing?: Community Building and Boundary Maintenance in Digital Places

**11-11:50 a.m.**

**Theater Presentation**  
**Bomberger 129, 11-11:50 a.m.**

Presenter	Mentor	Title
Jordan Hodess	Domenick Scudera	The Horoscope's Bespoke: Finding Contemporary Purpose for Absurd Theater



**Dance Presentation**  
**Bomberger 228, 11-11:50 a.m.**

Presenter	Mentor	Title
Jordyn Karliner and others	Karen Clemente	Modern Dance History: Provocative Choreographers

**Biology and Applied Economics Presentations**  
**Bomberger 306, 11-11:50 a.m.**

Presenter	Mentor	Title
Emily van Mulbregt	Kate Goddard	Zoo Psychosis and its Manifestation in Captive Bears
Madelyn Franklin	Kate Goddard	Effect of dam removal on the macroinvertebrate community in the Darby Creek, Delaware County, PA
Vanessa Scalora	Jennifer VanGilder	The Influence of Small Scale Agriculture on the Food Security Levels of Counties in the United States

**BCMB Poster Presentations**  
**Fieldhouse, 11-11:50 a.m.**

Presenter	Mentor	Title
Holly Yost and others	Dr.Ellison	Effects of Functionalized Single-Walled Carbon Nanotubes on E. faecalis in Presence of Erythromycin

**Biology / Biochemistry Poster Presentations**  
**Fieldhouse, 11-11:50 a.m.**

Presenter	Mentor	Title
Allison Lubczanski and others	Rebecca Roberts	Characterizing an Unknown Lipase by in-vitro and in-silico Techniques
Cora Spurr and others	Christopher Dieni	Creation and Characterization of Unknown Protein 4DIU
Brittani Schnable and others	Rebecca Roberts	Determining the function of the protein 3DS8 that has a known structure, using in silico and in vitro Techniques

**Biology Poster Presentations**  
**Fieldhouse, 11-11:50 a.m.**

Presenter	Mentor	Title
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Ellen Freebern and others	Dale Cameron	Optimization of a Novel Prion Reporter System in <i>Saccharomyces cerevisiae</i>
Tom Tessitore and others	Dale Cameron	Understanding the effect of engineered mutations on the role of Zuo1
Yoon Mi Oh	Rebecca Kohn	Effects of reduced intracellular dopamine on dopaminergic neurodegeneration via oxidative stress in <i>Caenorhabditis elegans</i>
Husky Gao	Ellen Dawley	The Effect of Age for Tail Regeneration in <i>Ambystoma mexicanum</i> (Axolotls)
Dorothy Benton and others	Rebecca Lyczak	Identification of the lz5 suppressor of pam-1 in <i>C. elegans</i>
Theron Johnson and others	Ellen Dawley	Spinal Cord Regeneration in <i>Ambystoma mexicanum</i>
Jacqueline Smiler and others	Denise Finney	Cover crop diversity influences carbon sequestration in agriculture systems
Jordene Downer	Carlita Favero	Learning of the Sagittal orientation to measure the width and amount of Corridor Cells in the Mouse Embryo
Gabriella Altmire and others	Cory Straub	Effect of host plant resistance and intercropping on alfalfa insect pests

**Bonner Poster Presentations**  
**Fieldhouse, 11-11:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Allison DeGerlia	Christian Rice	Bonner Community Service Partnerships
Caela Flake	Christian Rice	Bonner Community Service Partnerships
Emily Thomas	Christian Rice	Bonner Community Service Partnerships
Vilajet Kovaci	Christian Rice	Bonner Community Service Partnerships
Angela Bey	Christian Rice	Bonner Community Service Partnerships
Wilbert Diaz	Christian Rice	Bonner Community Service Partnerships
Katerina Gereda	Christian Rice	Bonner Community Service Partnerships
Malik Geraci	Christian Rice	Bonner Community Service Partnerships
Stephanie Hawkins	Christian Rice	Bonner Community Service Partnerships
Zana Lee	Christian Rice	Bonner Community Service Partnerships
Ben Allwein	Christian Rice	Bonner Community Service Partnerships
Sophia Gamber	Christian Rice	Bonner Community Service Partnerships
Rachael Carter	Christian Rice	Bonner Community Service Partnerships
Jessica Vadaketh	Christian Rice	Bonner Community Service Partnerships
Asuka Watanabe	Christian Rice	Bonner Community Service Partnerships
Katherine Avetta	Christian Rice	Bonner Community Service Partnerships
Haley Brush	Christian Rice	Bonner Community Service Partnerships



Danielle Kritz	Christian Rice	Bonner Community Service Partnerships
Maureen Lannon	Christian Rice	Bonner Community Service Partnerships
Devayu Parikh	Christian Rice	Bonner Community Service Partnerships
Angela Upright	Christian Rice	Bonner Community Service Partnerships
Lloyd Wilson	Christian Rice	Bonner Community Service Partnerships

**Business & Economics Poster Presentations**  
**Fieldhouse, 11-11:50 a.m.**

Presenter	Mentor	Title
Connor Newlin and others	Maureen Cumpstone	Summer Business Assist: CoreFit
Anna Gulko and others	Maureen Cumpstone	Summer Business Assist: Salter's Fireplace, Patio, & Grill

**University of the Sciences**  
**Fieldhouse, 11-11:50 a.m.**

Presenter	Mentor	Title
		University of the Sciences - Grad School Information Table

**IR and Politics Presentations**  
**Olin 101, 11-11:50 a.m.**

Presenter	Mentor	Title
Roumaissaa Tailassane	Becky Evans	Analyzing Women's Representation in Saudi Arabia
Juan Lopez	Johannes Karreth	Opposition and Violence: Why Social Movements Engage in Political Violence
Kisha Patel	Rebecca Evans	My Body Not My Say: How Roe v. Wade Endangers Women's Autonomy

**HEP Presentations**  
**Olin 102, 11-11:50 a.m.**

Presenter	Mentor	Title
Tia Wisdo	Deborah Fairheller	Comparison of the Effects of 4 Weeks of Circuit vs Resistance Training on Cardiovascular Health and Fitness Levels in Adults
Stephanie Donahue	Deborah Fairheller	Pulse Wave Velocity Methods
Brent Garcia	Deborah Fairheller	Trainwreck Ultimate Frisbee: Developing NARPs into Successful and

Competent College Ultimate Frisbee Athletes and Establishing Youth Leagues in the Local Area
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**IR and Spanish Presentations**  
**Olin 103, 11-11:50 a.m.**

Presenter	Mentor	Title
Kathleen Donnelly	Johannes Karreth	Explaining Organized Violence in Newly Independent Countries: The cases of South Sudan and East Timor
Shayann Ramedani	Oscar Useche	The forgotten impacts of Avicenna in European Medicine
Shayann Ramedani	Giovanna Steyaert	Healthcare Abroad: Why are we lagging?

**English Presentations**  
**Olin 107, 11-11:50 a.m.**

Presenter	Mentor	Title
Allison Rohr and others	Nzadi Keita	Women, the Arts, and Politics

**French Presentations**  
**Olin 201, 11-11:50 a.m.**

Presenter	Mentor	Title
Mary Holmcrans and others	Celine Brossillon	French Capstone presentations

**English Presentations**  
**Olin 301, 11-11:50 a.m.**

Presenter	Mentor	Title
Courtney DuChene and others	Rebecca Jaroff	The Individual and Power: Marxist, Feminist, and Psychoanalytic readings of Pygmalion, "Life in the Iron Mills," and "The Yellow Wallpaper."

**Psychology Presentations**  
**Olin 303, 11-11:50 a.m.**

Presenter	Mentor	Title



Samantha Straughn and others	Brent Mattingly	Relationships between Growth and Destiny Beliefs and Self-Expansion Desires
Aina Lusis	Joel Bish	The Effect of Learning Disabilities on Visual or Auditory Learning
Crystal Ngoje	Kelly Sorensen; Brenda Lederach	Art, Dementia and Quality of Life

**MCS and Film Studies Presentations**  
**Pfahler Musser Auditorium, 11-11:50 a.m.**

Presenter	Mentor	Title
Grace Steel	Jay Miller	Tattoo Culture: A Video Portrait
Leighnah Perkins	Sheryl Goodman	Minority Students' Experiences at Ursinus: A Focus Group Study of Students' Perspectives
Kevin Moore	Louise Woodstock	Cutting Out the Cuts: Long Takes in Modern Hollywood Features

**12-12:50 p.m.**

**Schellhase Ethics Essay Awards**  
**Pfahler Musser Auditorium, 12-12:50 p.m.**

Presenter	Mentor	Title
	Scott Deacle	Richard T. Schellhase Essay Prizes in Ethics - Winners Announced

**12:30-1 p.m.**

**Performing Arts**  
**Olin Plaza, 12:30-1 p.m.**

Presenter	Mentor	Title
	Ray Mallari	String Ensemble Performance

**1-1:50 p.m.**

**Study Abroad**  
**Bomberger 228, 1-1:50 p.m.**

Presenter	Mentor	Title

Bridget Winters and others Kelley Newman

Working Abroad

**Bonner Presentations****Bomberger Auditorium, 1-1:50 p.m.**

Presenter	Mentor	Title
Kelly Johnson and others	Christian Rice	Bonner Senior Presentations of Learning - Part 1

**AAAS Poster Presentation****Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
Jasmine Rivera	Vanessa Volpe	The body shaming and policing of black women

**BCMB Poster Presentations****Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
Benjamin Allwein and others	Dale Cameorn	Characterization of Sup35, Rnq1, and Ure2 Cotranslational Prion Aggregation in <i>Saccharomyces cerevisiae</i>
Elizabeth Henry and others	Anthony Lobo	Genetic patterns of antibiotic resistance in wild strains of <i>Enterococci</i>
Emma Frees and others	Rebecca Roberts	The Importance of Consistency in Bradford Assays and its Implications upon Fluorescence Assays
Brandon Greyson and others	Christopher Dieni	Impact of Differentially-functionalized Silver Nanospheres on Albumin-ligand Interactions
Ria Rathi and others	Mark Ellison	The Interaction of <i>Escherichia coli</i> with Tetracycline-Functionalized Carbon Nanotubes
Andrew Murphy	Chris Dieni	The Effects of Toxic Engineered Nanomaterials on Glucose-6-phosphate Dehydrogenase

**Biology Poster Presentation****Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
Colleen Leahy and others	Rebecca Roberts	The Effects of Estrogen (E2), Bisphenol A (BPA), Bisphenol S (BPS), and Bisphenol F (BPF) on the Proliferation of MCF-7 Cells



**Business & Economics Poster Presentations**  
**Fieldhouse, 1-1:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Kirsten Biehl	Scott Deacle and Andrew Economopoulos	
Billie Buckwalter	Scott Deacle and Andrew Economopoulos	
Alex Campbell	Scott Deacle and Andrew Economopoulos	
Peter Carpenter	Scott Deacle and Andrew Economopoulos	
Sean Clark	Scott Deacle and Andrew Economopoulos	
Patrick Corrigan	Scott Deacle and Andrew Economopoulos	
C. J. Diana	Scott Deacle and Andrew Economopoulos	
Joseph Donoghue	Scott Deacle and Andrew Economopoulos	
Austin Feuerman	Scott Deacle and Andrew Economopoulos	
Kieran Geyer	Scott Deacle and Andrew Economopoulos	
Robert Glanville	Scott Deacle and Andrew Economopoulos	
Connor McCarthy	Scott Deacle and Andrew Economopoulos	
Tyler Strano	Scott Deacle and Andrew Economopoulos	
Brandon Weidenfeld	Scott Deacle and Andrew Economopoulos	

**Neuroscience Poster Presentations**  
**Fieldhouse, 1-1:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Jessica Harsch	Carlita Favero	Resting state functional connectivity patterns serve as a biomarker for Parkinson's disease patients
Natalie Barbagallo and others	Ellen Dawley	Role of Glial Fibrillary Acidic Protein Gene in the Spinal Regeneration of Ambystoma tigrinum
Vincent Maiorino	Jennifer Round	Identifying Suitable Antibodies for the Study of Slitrk2 in Synapse Formation
Dylan Ammons and others	Ellen Dawley	Spinal Cord Anatomy and Microglia in Ambystoma mexicanum
Justin Nolan	Lauren Makuch and Carlita Favero	Motor Coordination & Anxiety in a Mammalian Model Prenatally Exposed to Low-Dose Ethanol
Christine Palazzolo and others	Ellen Dawley	An exploratory analysis of Sox2 expression in the regenerating spinal cord of Ambystoma mexicanum

**Psychology Poster Presentations**  
**Fieldhouse, 1-1:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Robert Boas and others	Brent Mattingly	Obstacle or Opportunity? How Implicit Theories of Relationships affect Desire to Self Expand
Maureen Lannon and others	Susan Lawrence	Qualitative Study of the Long-Term Effects of Childhood Loss in UC Students
Gianna Dombay	Brent Mattingly	The Impact of Self-Esteem on Socially Desperate Individuals Preference for Disclosure Topics

**HEP Presentations**  
**Olin 102, 1-1:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Avery Perez	Deborah Feairheller	Vascular Health and Fitness Levels in Metabolically Healthy and Unhealthy Obesity
Allyson Getty	Deborah Feairheller	Vascular Effects of Four-Week Functional and Resistance Exercise Training Programs
Allison Emick	Catherine van de Ruit	"I make sure I complain to people that are less important": The role of communication in patient safety in U.S. hospitals

**Physics and Math Presentations**  
**Olin 103, 1-1:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Quentin Altemose	Casey Schwarz	Characterization and Crystallization Properties of Zinc Bismuth Borate Glass
Katrina Raichle	Casey Schwarz	Properties and Processing of Zinc Bismuth Borate Glass
Berett Babrich	Lisa Grossbauer	Preparing Ursinus Students For College Mathematics

**English Performances**  
**Olin 107, 1-1:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Anthony Alvarez and others	Michelle Keita	Poetry Reading



**Scholarships and Fellowships**  
**Olin 108, 1-1:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Kneia DaCosta and others		Scholarships and Fellowships: Fulbright, Watson, Goldwater, St. Andrews

**French Presentations**  
**Olin 201, 1-1:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Allison Lubczanski and others	Celine Brossillon	French Capstone presentations

**Afro-Latin America Panel I**  
**Olin 303, 1-1:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Donnay Burden and others	Teresa Ko	Afro-Latin American Experiences

**2-2:50 p.m.**

**Bonner Presentations**  
**Bomberger Auditorium, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Kelly Johnson and others	Christian Rice	Bonner Senior Presentations of Learning - Part 2

**Business & Economics Poster Presentations**  
**Fieldhouse, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Alicia Baker	Scott Deacle and Andrew Economopoulos	
Mark Dougherty	Scott Deacle and Andrew Economopoulos	
Nicholas Ford	Scott Deacle and Andrew Economopoulos	
Noah Kimelheim	Scott Deacle and Andrew Economopoulos	
Thomas Koziar	Scott Deacle and Andrew Economopoulos	

Albert Magana	Scott Deacle and Andrew Economopoulos
Ryan Molyneaux	Scott Deacle and Andrew Economopoulos
Kennedi Monteith	Scott Deacle and Andrew Economopoulos
Timo Muro	Scott Deacle and Andrew Economopoulos
Connor Newlin	Scott Deacle and Andrew Economopoulos
Nick Pinho	Scott Deacle and Andrew Economopoulos
Gianna Pownall	Scott Deacle and Andrew Economopoulos
Timothy Rafter	Scott Deacle and Andrew Economopoulos

**Chemistry Poster Presentations**  
**Fieldhouse, 2-2:50 p.m.**

Presenter	Mentor	Title
Allison Arinaga	Brian Pfennig	Pyrazine-modified cyanoferrate complexes for the photocatalytic reduction of CO <sub>2</sub>
Ethan Haldeman	Mark Ellison	ChemCam Calibration of Boron Abundance on Mars
Jessica McFarland	Christopher Dieni	The Interference of Carboxylate-Functionalized Carbon Nanotubes with Protein Concentration Assays
Cody Hergenrother	Mark Ellison	Analysis of Ionic Transport In Single-Walled Carbon Nanotubes
Brian VanDyke	Amanda Reig	Copper Binding and Reactivity of de novo Designed De Ferri Single Chain (DFsc) Protein Variants
Michael Esposito	Brian Pfennig	Synthesis of Asymmetric Trimer
Nerica Normil and others	Mark Ellison	Using PEG-modified Graphene Oxide to Deliver Tetracycline in Escherichia coli

**ENV Poster Presentations**  
**Fieldhouse, 2-2:50 p.m.**

Presenter	Mentor	Title
Mia Belmont and others	Tristan Ashcroft	Central Perkiomen Valley Park GIS Project
Emily van Mulbregt and others	Tristan Ashcroft	Applications of QGIS to Analyze Tree Plantings
Carolyn Conolly	Leah Joseph	Don't Just "Dump and Run": 2018 Sustainable Move-Out
Victor Fernandez	Patrick Hurley	A Quantitative Analysis of Foraging in the Philadelphia Metropolitan Area
Corey Markovitch	Tristan Ashcroft	GIS analysis of the 2015 Hunsberger tree planting



Carla Maccaroni and others Leah Joseph

Don't Waste the Waste: Composting of Food Scraps from Ursinus College

**Neuroscience Poster Presentations**  
**Fieldhouse, 2-2:50 p.m.**

Presenter	Mentor	Title
Remi Janicot	Jennifer Round	Investigating Slitrk2 binding partners in nervous system development
Lisa Grous and others	Joel Bish	Examination of Neurocorrelates of Mild Traumatic Brain Injury in Young Adults
Tyler Oakes	Joel Bish	The Citicoline Brain Injury Treatment
Lauren D'Ortona and others	Carlita Favero	Investigation of cognitive and behavioral deficits resulting from prenatal alcohol exposure in a new strain of outbred mice
Dylan Ammons	Ellen Dawley	Characterization of the Microglial Cell Population in Ambystoma mexicanum
Mark Nagy and others	Lauren Makuch	A mammalian model of prenatal ethanol exposure indicates increased anxiety and improved spatial memory
Jill Lawrence	Lauren Makuch and Carlita Favero	Persistent Neurobehavioral Traits in a Mouse Model of Prenatal Ethanol Exposure

**Physics Poster Presentations**  
**Fieldhouse, 2-2:50 p.m.**

Presenter	Mentor	Title
Chase Stine	Lewis Riley	Pencil Beam measurements of the GRETINA gamma ray tracking array
Brittani Schnable	Casey Schwarz	Characterization and Crystallization Properties of Zinc Bismuth Borate Glass

**Art and Art History Presentations**  
**Olin 101, 2-2:50 p.m.**

Presenter	Mentor	Title
Emma Olshan	Deborah Barkun	Altered Perception: Reducing Reality to Abstraction
Rebeca Torruella	David Aipperspach, Deborah Barkun	The Jibaro and the Gag Law: Printmaking as a Tool to Preserve Puerto Rican Culture
Yanlin Li	Deborah Barkun	The Theme of Female Hysteria in Pipilotti Rist's "I'm Not The Girl Who Misses Much"

**HEP Presentations**  
**Olin 102, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Hannah Locke	April Carpenter	The Impact of Wnt Deletion in Macrophages on Skeletal Muscle Repair in Mice
Patrick Rafferty and others	April Carpenter	The Effects of Wnt Deletion in Macrophages on Angiogenesis in Mice
Samantha Keonela	April Carpenter	Influence of Wnt Proteins following on Endothelial Monolayer Permeability

**Anthro/Soc Presentation**  
**Olin 103, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Carter Timon	Jasmine Harris	Gay and Straight, Face-to-Face: At the Intersection of Masculinity and Sexuality

**Athletics and Study Abroad Presentations**  
**Olin 107, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Casey Derella and others	Margaret White & Erin Stroble	A Year to Reflect On: UC Athletic Department Success
Brandon Carey	Paula Alvarez	Studying Abroad in Hong Kong: Why Ursinus Should Send More Students to Lingnan University

**Creative Writing Performance**  
**Olin 108, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Sarah Gow and others	Jon Volkmer	Literary Society

**French Presentations**  
**Olin 201, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Morgan Cope	Julin Everett	Confession Without Cleansing: Becoming Your Sin In Vinh L. by Linda Lê



Adam Dykie	Julin Everett	Looking at the theme of "reconnaissance," or recognition, in "Un Coup d'État" by Guy de Maupassant
Faraha Rathod	Julin Everett	Using the Laws of Religion to One's Advantage in Nadine Moknèche's Viva L'Aldjérie

**Afro-Latin America Panel II**  
**Olin 303, 2-2:50 p.m.**

Presenter	Mentor	Title
Amanda Steyaert and others	Teresa Ko	Afro-Latin American Experiences

**3 p.m.**

**HEP Honors Theses**  
**Kaleidoscope 207, 3 p.m.**

Presenter	Mentor	Title
Tia Wisdo		Comparison of the Effects of 4 Weeks of Circuit vs Resistance Training on Cardiovascular Health and Fitness Levels in Adults
Avery Perez		Vascular Health and Fitness Levels in Metabolically Healthy and Unhealthy Obesity
Allyson Getty		Vascular Effects of Four-Week Functional and Resistance Exercise Training Programs

**French Honors Thesis**  
**Olin 108, 3 p.m.**

Presenter	Mentor	Title
Michael Esposito	Julin Everett	La Création du monde: voix féminines et identités transnationales dans la littérature beur et la littérature pied-noir

**Philosophy and Anthro/Soc Honors Thesis**  
**Olin 205, 3 p.m.**

Presenter	Mentor	Title
Michelle Thiry	Kelly Sorensen and Jonathan Clark	A Defense of a Change in the Legal Standard of Rape from Consent to Coercion

**English and Creative Writing Honors Theses**  
**Olin 303, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Lauren Geiger and others	Kara McShane	Who Steers the Ship?: Ecocriticism, Geopolitics, and John Gower's Confessio Amantis
Mara Koren and others	Jon Volkmer	Faces Bright With Relief: Essays On Growing Up
Brian Thomas and others	Meredith Goldsmith	Re-Thinking Carson McCullers in the 21st Century

**Physics Honors Thesis and Awards Event**  
**Pfahler 109, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Jacob Paul	Tom Carroll	Physics Honors Presentation and Awards Event

**Biology Honors Theses**  
**Pfahler Musser Auditorium, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Dylan Stephens		Identification of the lz4 suppressor of pam-1 and the role of suppressors in polarity establishment in single-cell C. elegans embryos
Usman Baqai		Identifying an Intracellular Binding Partner for the Synaptic Adhesion Protein Slitrk2
Joshua Straka		Examining the Phagocytic Activity of HIV-1 Tat exposed Microglia: Possible Chemokine Receptor Activation
Marcus Wagner		Effects of Multiple Pregnancies on the Murine Heart: Are changes in pregnancy induced cardiac function exacerbated after multiple pregnancies?
Robin Alsher		Identification of the lz5 suppressor of pam-1 in C. elegans

**Psychology Honors Theses**  
**Thomas 324, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Jillian Casarella	Joel Bish	Examination of Neurocorrelates of Mild Traumatic Brain Injury in Young Adults
Samantha Straughn	Brent Mattingly	Self-Concept Clarity as a Moderator of the Associations between Self-

## Change and Adjustment

**History Honors Thesis**  
**Unity House, 3 p.m.**

Presenter	Mentor	Title
Ella McGill	Ed Onaci	Pearl of Africa: Condemnation and Celebration in Uganda

**4-5 p.m.**

**Exhibition Reception**  
**Berman Museum, 4-5 p.m.**

Presenter	Mentor	Title
Tony Alvarez and others		Annual Student Art Exhibition 2017 - New Work by Art Majors and Minors
Kate Bormann and others		Student-Curated Exhibition - Natessa Amin: Dancing on the Water Tank

**Business & Economics Event**  
**Olin 108, 4-5 p.m.**

Presenter	Mentor	Title
Finance Scholars	Eric Parnell	Investment Research Presentation

**5-6 p.m.**

**Creative Writing**  
**Olin Auditorium, 5-6 p.m.**

Presenter	Mentor	Title
Zooey Cox and others	Anna Maria Hong	Creative Writing Capstone: Sweet Teeth

**7-9 p.m.**

**Business & Economics Event**  
**Pfahler Musser Auditorium, 7-9 p.m.**



<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Finance Scholars & Investments	Eric Parnell	CFA Ethics Challenge